



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We make Indiana a cleaner, healthier place to live.*

Frank O'Bannon  
Governor

Lori F. Kaplan  
Commissioner

July 2, 2003

100 North Senate Avenue  
P. O. Box 6015  
Indianapolis, Indiana 46206-6015  
(317) 232-8603  
(800) 451-6027  
[www.IN.gov/idem](http://www.IN.gov/idem)

TO: Interested Parties / Applicant

RE: Coulter & Sons, Inc. #039-16934-00454

FROM: Paul Dubenetzky  
Chief, Permits Branch  
Office of Air Quality

## Notice of Decision: Section 112(j) Applicability Determination

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 4-21.5-3-5 (f) this order is effective fifteen (15) days after it is served. When served by U.S. mail, the order is effective three (3) calendar days from the mailing of this notice pursuant to IC 4-21.5-3-2(e).

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, ISTA Building, 150 W. Market Street, Suite 618, Indianapolis, IN 46204, **within (18) eighteen days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) the date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for consideration at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosure

112J DET.wpd 10/22/02



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June 2, 2003  
61-50 DW

Mr. Ron Green  
Coulter & Sons, Inc.  
209 York Drive  
Middlebury, IN 46540

Re: Response to Review Request No. 16934  
Section 112(j) Applicability Determination  
Plant ID: 039-00454

Dear Mr. Green:

Coulter & Sons, Inc., located at 209 York Drive in Middlebury, Indiana, submitted a request for an applicability determination regarding the requirements of Section 112(j) of the Clean Air Act (CAA) on March 17, 2003. The letter was submitted in accordance with 40 CFR 63.52(d)(1) and requested that the Indiana Department of Environmental Management, Office of Air Quality (IDEM, OAQ) determine if Coulter & Sons, Inc. is subject to the requirements of Section 112(j) (40 CFR 63.50 through 63.56) for the following source categories:

- Industrial, Commercial, & Institutional Boilers and Process Heaters; and
- Plastic Parts Surface Coating.

Pursuant to 40 CFR 63.50, the requirements of Section 112(j) will apply only if your entire source is a major source of hazardous air pollutants (HAPs) and one or more of your processes or emissions units belong in a category or subcategory for which the United States Environmental Protection Agency (U.S. EPA) has failed to promulgate an emission standard on or before the Section 112(j) deadline.

## MAJOR SOURCE DETERMINATION

The information submitted in the Part 1 MACT Application indicates that Coulter & Sons, Inc. is a major source of HAPs. In addition, potential to emit and limited potential to emit calculations for the draft Title V operating permit, T039-16889-00454, for Coulter & Sons, Inc. indicates that the source is a major source of HAPs. Since Coulter & Sons, Inc. is a major source of HAPs, IDEM, OAQ evaluated the source categories for which Coulter & Sons, Inc. requested an applicability determination.

## SOURCE CATEGORY DETERMINATION

### 1. **Industrial, Commercial, & Institutional Boilers and Process Heaters NESHAP**

IDEM, OAQ used the following information to determine if the air make-up units at Coulter & Sons, Inc. belong to the affected source category, Industrial, Commercial, & Institutional Boilers and Process Heaters:

- The Part 1 Maximum Achievable Control Technology (MACT) Application;
- The draft Title V permit for Coulter & Sons, Inc.;
- The proposed federal rule from the January 13, 2003 *Federal Register*; and
- Background information available at the U.S. EPA Air Toxics Website at <http://www.epa.gov/ttn/atw/boiler/boilerpg.html>.

There is no final MACT Standard for the Industrial, Commercial, & Institutional Boilers and Process Heaters source category. The proposed rule for this source category was published on January 13, 2003. Section 63.7490(b) of the proposed rule defines the affected source to which the Industrial, Commercial, and Institutional Boilers and Process Heaters MACT will apply as "each industrial, commercial, or institutional boiler or process heater, as defined in [40 CFR] 63.7485..."

40 CFR 63.7485 (a) defines "industrial, commercial, or institutional boiler as: "...an enclosed device using controlled flame combustion and having the primary purpose of recovering thermal energy in the form of steam or hot water." The air make-up units are not boilers because they do not have the primary purpose of recovering thermal energy in the form of steam or hot water. The air make-up units are used to heat air, and water is not involved in the process.

"Process heater" is defined in 40 CFR 63.7485(a) as: "... an enclosed device using controlled flame with the unit's primary purpose being to transfer heat indirectly to process streams (liquids, gases, or solids), instead of generating steam." The operations at Coulter and Sons, Inc. are conducted at ambient temperature. The air make-up units' primary purpose is to heat the ambient plant air to "make up" for warm air that escapes the building through vents, stacks, or other openings. Since the main purpose of the air make-up unit is not to transfer heat indirectly to a process stream or to a heat transfer material for use in a process unit, the air make-up units are not process heaters.

Pursuant to 40 CFR 63.52(e)(2)(i), based on the information available at this time, IDEM, OAQ has determined that the air make-up units at Coulter & Sons, Inc. do not belong to the affected source category, Industrial, Commercial, & Institutional Boilers and Process Heaters. Coulter & Sons, Inc. will not be required to submit a Part 2 MACT Application in accordance with 40 CFR 63.53(b) for this affected source category. If Coulter & Sons, Inc. is subject to Section 112(j) for any other source categories, Coulter & Sons, Inc. shall submit a Part 2 MACT Application for those source categories.

## **2. Plastic Parts Surface Coating NESHAP**

IDEM, OAQ used the following information to determine if the three (3) parallel coating lines used to paint plastic caps at Coulter & Sons, Inc. belong to the affected source category, Plastic Parts Surface Coating:

- The Part 1 Maximum Achievable Control Technology (MACT) Application;
- The issued Title V permit for Coulter & Sons, Inc.;
- The proposed federal rule from the December 4, 2002 *Federal Register*; and
- Background information available at the U.S. EPA Air Toxics Website at <http://www.epa.gov/ttn/atw/plastic/plasticpg.html>.

There is no final MACT Standard for the Plastic Parts Surface Coating source category. The proposed rule for this source category was published on December 4, 2002. Section 63.4481(a) of the proposed rule indicates that plastic parts and products include, but are not limited to, plastic components of the following types of products as well as the products themselves: motor vehicle parts and accessories for automobiles, trucks, recreational vehicles; sporting and recreational goods; toys; business machines; laboratory and medical equipment; and household and other consumer products. Based on the information provided in the Part 1 MACT Application, the three (3) parallel coating lines used to paint plastic caps at Coulter & Sons, Inc. meet the applicability criteria of the Plastic Parts Surface Coating source category.

Pursuant to 40 CFR 63.52(e)(2)(i), based on the information available at this time, IDEM, OAQ has determined that the three (3) parallel coating lines used to paint plastic caps at Coulter & Sons, Inc. belong to the affected source category, Plastic Parts Surface Coating. If Coulter & Sons, Inc. continues to meet the applicability criteria of 40 CFR 63.50 at the time of the Part 2 MACT Application deadline for this source category, Coulter & Sons, Inc. shall submit a Part 2 MACT Application in accordance with 40 CFR 63.52(e)(2)(i) and 40 CFR 63.53(b), postmarked no later than the Part 2 MACT Application deadline.

The Part 2 MACT Application deadline for the Plastic Parts Surface Coating source category is October 30, 2003. The most current information regarding Section 112(j), including the promulgation schedule for the remaining MACT standards, is available on the OAQ 112(j) web page at <http://www.in.gov/ideam/air/permits/112j>. For the most current information regarding this source category, refer to U.S. EPA's Air Toxics Website for the Plastic Parts Surface Coating source category at <http://www.epa.gov/ttn/atw/plastic/plasticpg.html>. IDEM, OAQ will revise the draft Title V operating permit, T039-16889-00454, to include all applicable MACT requirements.

If U.S. EPA promulgates a final MACT standard prior to IDEM, OAQ issuing a permit containing the Section 112(j) determination requirements, a source is no longer subject to Section 112(j) for that source category, including the requirement to submit a Section 112(j) Part 2 MACT Application. A source is still subject to Section 112(j) for any other source categories that do not have promulgated MACT standards.

This determination is based on the information provided by Coulter & Sons, Inc., IDEM, OAQ records, and the information currently available from the U.S. EPA. Note that if additional equipment or capacity is added or operational practices are changed (e.g., switching solvents from a solvent that contains no HAPs to a solvent containing HAPs), the Section 112(j) requirements may be triggered in accordance with 40 CFR 63.52(b). If the events described in 40 CFR 63.52(b) occur at the source, Coulter & Sons, Inc. shall submit a Part 1 MACT Application in accordance with the requirements and schedule contained in 40 CFR 63.52(b).

Questions should be directed to Kim Cottrell or Karthika Thurairajah, IDEM, OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, or call (800) 451-6027, press 0 and ask for Kim Cottrell at extension 3-0870 or Karthika Thurairajah at extension 3-4227, or dial (317) 233-0870 or (317) 233-4227.

Sincerely,

Original Signed by  
Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Quality

KLC/KT

CC: File – Elkhart County  
Elkhart County Health Department  
Air Compliance – Paul Karkiewicz  
Meteorological Evaluation Services – CarrieAnn Paukowits  
Northern Regional Office  
Administration Section  
U.S. EPA Region V – Genevieve Damico